KENWOOD

GPS NAVIGATION SYSTEM DNX7100 DNX710EX INSTRUCTION MANUAL

Kenwood Corporation



Take the time to read through this instruction manual. Familiarity with installation and operation procedures will help you obtain the best performance from your new GPS Navigation System.

For your records

Record the serial number, found on the back of the unit, in the spaces designated on the warranty card, and in the space provided below. Refer to the model and serial numbers whenever you call upon your Kenwood dealer for information or service on the product. Model DNX7100/DNX710EX Serial number _____

US Residence Only

Register Online

Register your Kenwood product at **www.Kenwoodusa.com**

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How to read this manual

This manual uses illustrations to explain its operations.

The displays and panels shown in this manual are examples used to provide clear explanations of the operations.

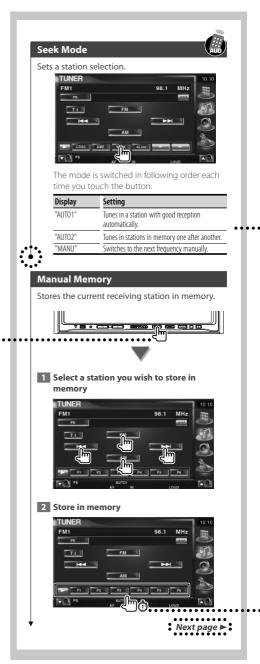
For this reason, they may be different from the actual displays or panels used, or some display patterns may be different.

- ▼ : Continues to the next line.
- : Ends here.

Short Press

Press the button, denoted by 🖑

...



The above operation example with the mark differs from the actual operation.

Change in the screen

Press 1 second or more

Press the button, denoted by m; for 1 second or more (2-3 seconds). Indicates to press and hold down the button until operation starts or the screen changes. The left example indicates to press the button for 1 second.

Press it approximately for the seconds shown in the clock.



- If you experience problems during installation, consult your Kenwood dealer.
- When you purchase optional accessories, check with your Kenwood dealer to make sure that they work with your model and in your area.
- We recommend the use of <Security Code Setup> (page 79) to prevent theft.
- The characters conforming to ISO 8859-1 character set can be displayed.
- The RDS or RBDS feature won't work where the service is not supported by any broadcasting station.
- The illustrations of the display and the panel appearing in this manual are examples used to explain more clearly how the controls are used. Therefore, what appears on the display in the illustrations may differ from what appears on the display on the actual equipment, and some of the illustrations on the display may be inapplicable.

How to reset your unit

- If the unit fails to operate properly, press the Reset button. The unit returns to factory settings when the Reset button is pressed.
- Remove the USB device before pressing the Reset button. Pressing the Reset button with the USB device installed can damage the data contained in the USB device. For how to remove the USB device, refer to <Playing a USB device> (page 15).
- Press the reset button if the disc auto changer fails to operate correctly. Normal operation should be restored.



Reset button

Cleaning the Unit

If the faceplate of this unit is stained, wipe it with a dry soft cloth such as a silicon cloth.

If the faceplate is stained badly, wipe the stain off with a cloth moistened with neutral cleaner, then wipe it again with a clean soft dry cloth.

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 Applying spray cleaner directly to the unit may affect its mechanical parts. Wiping the faceplate with a hard cloth or using a volatile liquid such as thinner or alcohol may scratch the surface or erases characters.

TV tuner that can be connected to this unit

- KTC-V500N
- KTC-V300N

About iPod that can be connected to this unit

You can control an iPod from this unit by connecting an iPod (commercial product) with Dock connector using an optional accessory iPod connection cable (KCA-iP300V).

The following iPods can be controlled from this unit.

Controllable iPod	Software version
iPod nano	iPod nano software 1.2
iPod nano second generation	iPod software 1.1.1
iPod with video	iPod software 1.2

You must update your iPod software if its version is less than the above.

The iPod software version is displayed in the "Version" field by pressing the iPod MENU button and then selecting "Set", "Information". The latest iPod software updater can be downloaded from the Apple Computer web site.

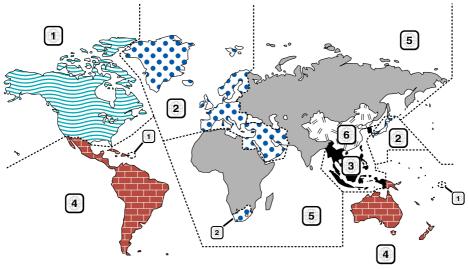
The character set supported by this unit is ISO08859-1.

Characters that cannot be displayed correctly appear as "*".

By connecting your iPod to this unit with an optional accessory iPod connection cable (KCA-iP300V), you can supply power to your iPod as well as charge it while playing music. However, the power of this unit must be on.

Region codes in the world

The DVD players are given a region code according to the country or area it is marketed, as shown in the following map.



DVD disc marks

Symbol	Description	
ALL	Indicates a region number. The discs with this mark can be played with any DVD player.	
8))	Indicates the number of audio languages recorded. Up to 8 languages can be recorded in a movie. You can select a favorite language.	
32	Indicates the number of subtitled languages recorded. Up to 32 languages can be recorded.	
	If a DVD disc has scenes shot from multiple angles, you can select a favorite angle.	
16:9 LB	Indicates the type of screen for the image. The left mark indicates that a wide image picture (16:9) is displayed on a standard TV set screen (4:3) with a black band at both the top and bottom of the screen (letter box).	

Operation regulatory marks

With this DVD, some functions of this unit such as the play function may be restricted depending on the location where the DVD is playing. In this case, the following marks will appear on the screen. For more information, refer to the disc manual.



Discs with limited period of use

Do not leave discs with a limited period of use in this unit. If you load an already expired disc, you may not be able to remove it from this unit.

About Audio files

Playable Audio file

AAC-LC (.m4a), MP3 (.mp3), WMA (.wma)

 If music of normal CD and other playback systems are recorded in the same disc, only the playback system recorded at the first setout is played.

Playable AAC file

".m4a" file encoded by AAC-LC format. Transfer bit rate: 16 – 320 kbps Sampling frequency: 16 – 48 kHz

Playable MP3 file

MPEG 1/2 Audio Layer 3 file Transfer bit rate: 8 – 320 kbps Sampling frequency: 8 – 48 kHz

Playable WMA file

The file in accordance with Windows Media Audio (Except for the file for Windows Media Player 9 or after which applies the new functions) Transfer bit rate: 48-192 kbps Sampling frequency: 32, 44.1, 48 kHz

- Playable disc media
 CD-R/RW/ROM, DVD±R/RW
- Playable disc file format ISO 9660 Level 1/2, Joliet, Romeo, Long file name.
- The maximum number of characters for display (CD-R/RW/DVD±R/RW)

File/Folder name: 128 characters MP3 ID3 Tag version 1.x: 30 characters

 Limitation of structure for the file and the folder (CD-R/RW/DVD±R/RW/USB device)

Maximum number of directory levels: 8 Maximum number of folders: 254 Maximum number of files per folder: 255 Maximum number of files per playlist: 7000 (USB device)

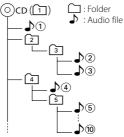
- Playable USB device
 USB mass storage class, iPod with KCA-iP300V
- Playable USB device file system FAT16, FAT32
- About the Connection of the USB device If an extension cable is needed for USB device connection, usage of the CA-U1EX (option) is recommended.

Normal playback is not guaranteed when a cable other than the USB compatible cable is used. Connecting a cable whose total length is longer than 5 m can result in abnormal playback.

Although the audio files are complied with the standards listed above, the play maybe impossible depending on the types or conditions of media or device.

• Playing order of the Audio file

In the example of folder/file tree shown below, the files are played in the order from to



The Audio file plays in the order which is written by CD writing software. You may be able to set the playing order by writing the play sequence numbers such as "01" to "99" at the beginning of the file name.

Audio files are played in the order the files are written. You can specify the order of playback by numbering files in a folder and writing them by folder. (USB device)



- In this manual, the word "USB device" is used for flash memories and digital audio players which work as massstorage-class devices.
- "iPod" in this manual refers to iPod connected with KCAiP300V (Optional accessory). iPod connected with KCAiP300V can be controlled from this unit. iPods that can be connected to KCA-iP300V are iPod nano and iPod with video. If you connect an iPod with commercially available USB cable, it is treated as a mass storage class device.
- For the supported formats and types of USB device, refer to **www.kenwood.com/usb/**.
- Attach the correct extension for the Audio file (AAC: ".M4A", MP3: ".MP3", WMA: ".WMA")
- Do not attach the extensions to files other than the Audio file. If the extension is attached, the file, which is not the Audio file, will play and outputs a loud noise, causing damage to the speaker.
- The files with copy protection cannot be played.
- The unit may not be compatible with upgrade of compression format standard and additional specifications.
- CD-RW discs which are quick formatted by the writing software cannot be used.
- When recording to the maximum CD-R/RW media capacity at once, the writing software is set to "Disc at once".
- File/Folder name is the number of the characters including the extensions.
- This unit can display the following versions of MP3 ID3 tag: version 1.0/ 1.1/ 2.2 (USB device)/ 2.3 (USB device)
- AAC ID3 Tag cannot be displayed.
- Contact the sales agent as to whether your USB device conforms to the USB mass storage class specs.

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- Using an unsupported USB device can result in abnormal playback or display of the audio file.
 Even if you use the USB device conforming to the above specs, audio files cannot be played normally depending on the type or condition of the USB device.
- Do not leave the USB device in the vehicle for a long time. It can deform or damage due to direct sunlight, high temperature, etc.

About Video files Acceptable video files

- Format: MPEG1, MPEG2, DivX
- Picture size: MPEG1: 320 × 240, 352 × 240 MPEG2: 640 × 480, 704 × 480 DivX: 352 × 240, 352 × 288, 720 × 450, 720 × 576
- Audio format: MPEG1/2: MPEG Audio Layer 2 DivX: MP3, Dolby Digital
- Audio sampling frequencies: 32/44.1/48 kHz
- Audio bit rate: 32–384 kbps (Only constant bit rates)

Extensions

Video files must have one of the following extensions: mpg, mpeg, mpe, m1v, m2v $\,$

Disc formats, file and folder names and playing order are the same as those for audio files. Refer to <About Audio files> (page 10).

About Picture files

Acceptable picture files

- Format: JPEG
- Baseline format: Up to a maximum of 8192(W) × 7680(H) pixels
- Progressive format: Up to a maximum of 1600(W) × 1200(H) pixels

- Enlarges and reduces images up to the size shown above to fit to the screen.
- The picture files with information attached (such as Exif) may not be displayed or operated (e.g.: rotation display) properly.

Extensions

Picture files must have one of the following extensions:

jpg, jpeg, jpe

Acceptable discs, disc formats, file and folder names and playing order are the same as those for audio files. Refer to <About Audio files> (page 10).

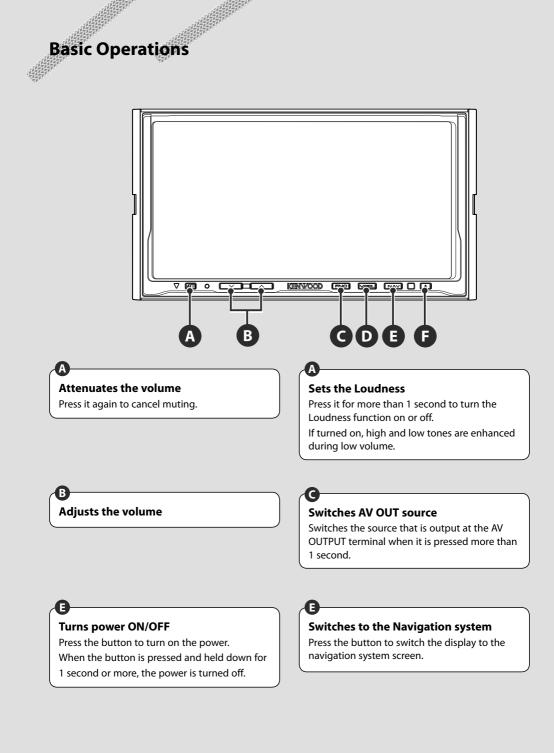
About USB device

- Install the USB device in the place where it will not prevent you from driving your vehicle properly.
- You cannot connect a USB device via a USB hub.
- Take backups of the audio files used with this unit. The files can be erased depending on the operating conditions of the USB device.
 We shall have no compensation for any damage arising out of erasure of the stored data.
- No USB device comes with this unit. You need to purchase a commercially available USB device.

Use of "DualDisc"

When playing a "DualDisc" on this unit, the surface of the disc that is not played may be scratched while the disc is inserted or ejected. Since the music CD surface does not conform to the CD standard, playback may be impossible.

(A "DualDisc" is a disc with one surface containing DVD standard signals and the other surface containing music CD signals.)



Playing a disc

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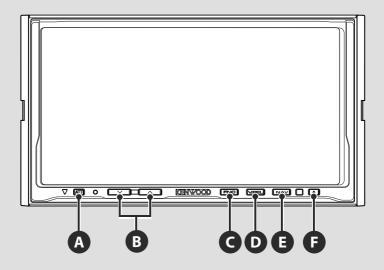
Press [▲] (Eject) button to open the operation panel. When you load a disc into disc loading slot, the disc starts playing. If a menu appears, when playing a video disc, select the desired item.

• See <List of playable discs> (page 8) for a list of supported discs and formats.

Removing a disc

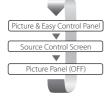
Press $[\triangle]$ (Eject) button to open the operation panel.

After removing the disc, press [] (Eject) button to close the operation panel.



Switches the function screen

The function control screen switches in the following order each time you press the button.



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The following buttons are always displayed on the source control screen.



- 1 Displays the Source Select screen. (page 53)
- 2 Returns to the Source Control screen.
- 3 Displays the Audio Control Menu screen. (page 84)
- 4 Displays the SETUP Menu screen. (page 66)
- 5 Adjusts the Volume.
- 6 Clock display
- Touch ICT displayed at bottom right of various screens to return to the original screen.

Playing a USB device

When connecting a USB device, playback starts automatically.

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Removing the USB device Press

D-

Switches the video source

The video source switches in the following order each time you press the button.



You can also turn off the video display by pressing the button longer than 1 second. When you press the button again, the previous video display comes back on.



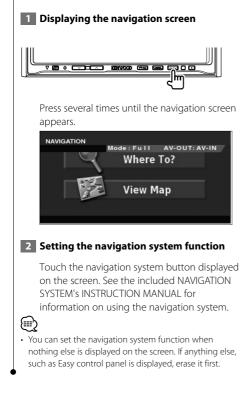
- · You cannot switch to a source that is not connected or inserted.
- The Rear view camera video is displayed when the vehicle's gear is in "Reverse".
- Turn "On" the "Navigation Source" of the <AV Interface Setup> (page 72) to display the Navigation video.

Navigation Control

Sets and controls the navigation system function.

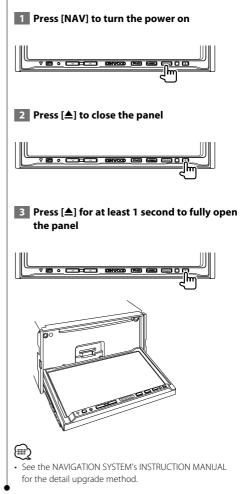
Using the Navigation System

Displays the navigation system screen and makes the navigation function available.



Accessing the SD Memory Card Insertion Slot

An SD memory card is used to upgrade the map.



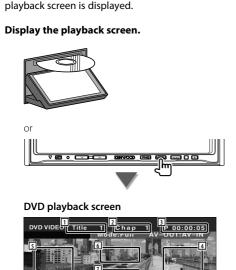
Watching DVD/VCD

You can play DVD/VCD using various functions.

Functions During the Playback Screen

Basic functions are available even when the

- For the basic method of how to watch DVD/VCD, refer to <Basic Operations> (page 12).
- Set the remote controller mode switch to "DVD" mode before starting operation, refer to <Remote Controller mode switch> (page 88).



- 1 Title Number Display
- 2 Chapter Number Display
- 3 Play Time Display

DVD VIDEO Title

- 4 Forward Chapter Search Area Selects the next chapter.
- 5 Backward Chapter Search Area Selects the previous chapter.
- 6 DVD Disc Menu Control Buttons Area Displays the Disc Menu Control buttons (page 19).

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7 Information Display Button Area

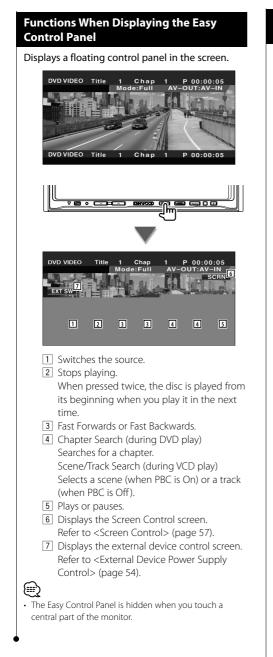
VCD playback screen



- 8 Scene/Track Number Display
- 9 Play time Display
- TO Forward Scene/Track Search Area Selects the next scene (when PBC is On) or track (when PBC is Off).
- Backward Scene/Track Search Area Selects the previous scene (when PBC is On) or track (when PBC is Off).
- 12 Zoom Control Button Area Displays the Zoom Control buttons (page 21).
- 13 Information Display Button Area

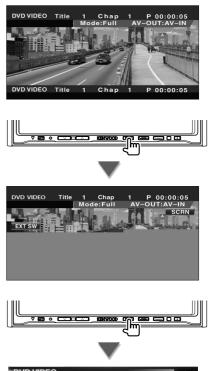


 The information display is cleared automatically after approximately 5 seconds. Also, the information can be displayed automatically when it is updated.



Functions While Displaying the Control Screen

Switches to control screen to use various playback functions.





When playing a VCD



- 1 Ejects the disc from the built-in disc player.
- 2 Fast Forwards or Fast Backwards.
- Stops playing.
 When pressed twice, the disc is played from its beginning when you play it in the next time.

- Selects a chapter, a scene or a track.
 When the DVD-VIDEO/VCD is paused, touch this button to start single-frame stepping.
- 5 Plays or pauses.
- 6 Slow Forwards or Backwards. (during DVD play)
- 7 Switches the button display.
- 8 Switches the Repeat Play operations in the following sequence.
 - DVD: Title Repeat, Chapter Repeat, Repeat Off
 - VCD: Track Repeat, Repeat Off (Available when the PBC is off)
- Switches the play time display in the following sequence.
 - DVD: Chapter, Title, remaining titles
 - VCD: Track, disc, remaining discs (Effective only when the PBC function is off)
- 10 Title Number Display (during DVD play)
- 11 Chapter/Scene/Track Number Display
- 12 Play Mode Display
- 13 Play Time Display
- Volume Label Display
 When a ppeared, the text display is scrolled by pressing it.
- 15 Function Indicator
- **16** Appears when a disc is inserted.
- 17 Turns the PBC function of VCD On or Off. (only when VCD Ver 2.0 is in use)



18 Displays the external device control screen. See <External Device Power Supply Control> (page 54).

DVD Disc Menu

Selects an option from the DVD Disc Menu.

1 Display the Disc Menu Control screen



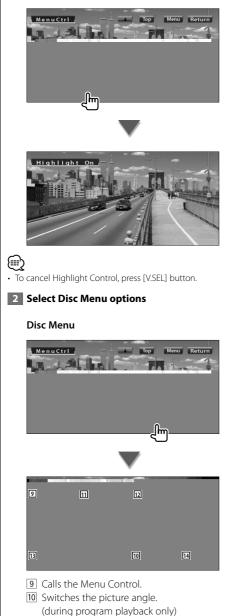


- 1 Calls the Menu.
- 2 Returns to the Disc Menu screen.
- 3 Selects a menu option.
- 4 Enters your menu selection.
- 5 Returns to the previous menu screen.
- 6 Displays the Top Menu.
- 7 Highlight Control.
- 8 Clears the Disc Menu Control.

Next page ►

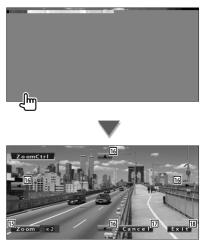
Highlight Control

You can select a chapter and title for the DVD Menu screen. When you touch the screen, you can select the DVD menu.



- 11 Switches the subtitle language. (during program playback only)
- 2 Switches the voice language. (during program playback only)
- 13 Displays the Zoom Control screen.
- 14 Clears the Disc Menu Control.

Zoom Control



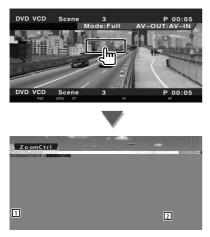
- 15 Changes the zoom ratio at 4 levels (2 times, 3 times, 4 times, or off) each time you touch.
- **16** Scrolls the screen in the direction you touch.
- 17 Returns to the Disc Menu Control screen.
- 18 Clears the Disc Menu Control.



VCD Zoom Control

Displays an enlarged VCD screen.

1 Display the Zoom Control screen



- 1 Changes the zoom ratio at 2 levels (2 times or off) each time you touch.
- 2 Clears the Zoom Control button.

Direct Search

You can search for a DVD/VCD chapter, scene or track by entering its number.

1 Select the Direct Search mode



The following items can be searched directly each time it is pressed.

DVD: Title, Chapter, Time, Direct number VCD (when PBC is On): Scene, Direct number VCD (when PBC is Off): Track However, the direct search may not be supported for some discs.

2 Enter a number or time



When playing back a VCD, enter a PBC scene number (if PBC is On) or a track number (if PBC is Off).



To clear your incorrect entry, press ^{CLEAR} (CLEAR).

3 Search



- The operation ends automatically if you do not operate within 10 seconds.
- The time search function cannot be searched correctly at the time set up depending on particular disc.

Music Disc & Audio File Listening

You can recall various control screens during CD/Audio file/Disc Changer playback.

- For the basic method of how to play a music disc/audio file, refer to <Basic Operations> (page 12).
- Refer to <List of playable discs> (page 8) for playable discs.
- Refer to <About Audio file> (page 10) for playable files.

Functions When Displaying the Easy Control Panel

Displays a floating control panel in the screen.



During CD playback



During Audio file playback



During playback on disc changer



- 1 Switches the source.
- 2 Stops playing.
- 3 Fast Forwards or Fast Backwards. (only when a CD is played back on the built-in disc player).
- Selects a music.
 When you continue to touch button: Fast Forwards or Fast Backwards.
 Disabled when a CD (built-in disc player) are being played.
- 5 Plays or pauses.
- 6 Selects a folder. (only when an Audio file is played back on the built-in disc player)
- Selects a disc. (only when a disc is played back on the disc changer)

- 8 Displays the Screen Control screen. (page 57 for the <Screen Control>)
- Displays the external device control screen. See <External Device Power Supply Control> (page 54).
- The Easy Control Panel is hidden when you touch a central part of the monitor.

Functions Whi Screen

Switches to cont functions.





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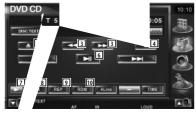


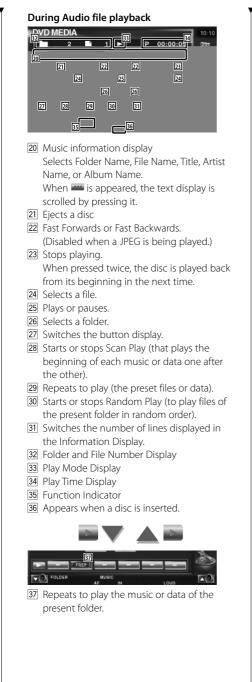


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During CD p

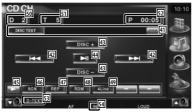






- 38 You can search for folders and Audio files through a hierarchy. See <Folder Select> (page 26).
- 39 Displays music information (such as Tag and content property) of Audio file being played.
- Displays the external device control screen. See <External Device Power Supply Control> (page 54).

During playback on disc changer



 Music information display Selects the Disc Name (see <Set Disc Name>, page 26) or Track Text mode for text display.
 When a ppeared, the text display is

scrolled by pressing it.

- 42 Selects a track. Starts Fast Forward or Fast Backward when it is held down.
- 43 Selects a disc. (Function of Disc Changer)
- 44 Plays or pauses.
- 45 Switches the button display.
- 46 Starts or stops Scan Play (that plays the beginning of each music one after the other).
- 47 Repeats to play (the present music).
- 48 Starts or stops Random Play (to play music in random order).
- 49 Switches the number of lines displayed in the Information Display.
- 50 Disc Number Display (Function of Disc Changer)
- 51 Track Number Display
- 52 Play Time Display
- 53 Function Indicator
- 54 Appears when a disc is inserted.



- 55 Repeats to play a disc (the present disc). (Function of Disc Changer)
- 56 Starts or stops Magazine Random Play (to play songs of the disc changer in random order). (Function of Disc Changer)



- 57 Sets a name to the disc being played. (page 26)
- 58 Displays a list of discs in the Disc changer and allows you to select the disc to listen. See <Disc Select> (page 27).
- Displays the external device control screen. See <External Device Power Supply Control> (page 54).



- The functions that can be used and the information that can be displayed will differ depending on the models being connected.
- The information shown will be different depending on the Disc Changer being used.
- The buttons and information displayed depend on the Audio file being played and CD and Disc changer functions.

Disc Select (Function of Disc Changer)

Displays a list of discs in the Disc changer and allows you to select the disc to listen.

1 Start Direct Select



2 Select a Disc



- 1 Lists the discs. Plays when touched.
- 2 Switches the list name to Disc name or Disc Text.
- 3 Returns to the original screen.

Direct Search



Searches for a disc or a track when its number is entered.

During play on the built-in disc player

1 Select the Direct Search mode



The following items can be searched directly each time it is pressed. CD: Track number, Total play time Audio file: Folder, File

2 Enter a track number



3 Search

When searching for a track:



During play on an external in disc player or disc changer

1 Enter a disc or track number



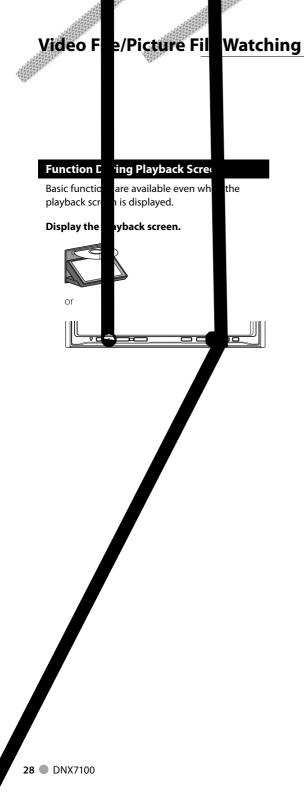
2 Search

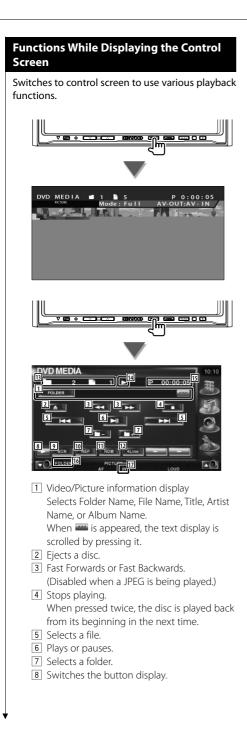
When searching for a track:



When searching for a disc:







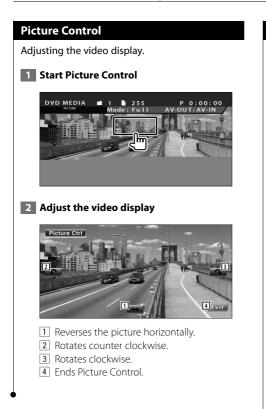
- Starts or stops Scan Play (that plays the beginning of each song or data one after the other).
- 10 Repeats to play (the preset files or data).
- 11 Starts or stops Random Play (to play files of the present folder in random order).
- 12 Switches the number of lines displayed in the Information Display.
- 13 Folder and File Number Display
- 14 Play Mode Display
- 15 Play Time Display
- 16 Function Indicator
- 17 Appears when a disc is inserted



18 Repeats to play the file of the present folder.



- 19 You can search for folders and files through a hierarchy. See <Folder Select> (page 30).
- 20 Displays information of file being played.
- Displays the external device control screen. See <External Device Power Supply Control> (page 54).



Folder Select

Searches folders and Video files/Pictures stored in media and devices according to hierarchy.





2 Select a file



- 1 Scrolls the list.
- 2 Lists folders and Video files/Picture files. Folder opens when touched, and the Video/ Picture file is played.
- 3 Moves to the top hierarchy level.
- 4 Moves up a hierarchy level.
- 5 Returns to the original screen.

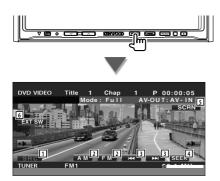
Radio Listening

Various control screens appear in the Tuner Source mode.

- For the basic method of receiver button operations, refer to <Basic Operations> (page 12).
- Set the remote controller mode switch to "AUD" mode before starting operation, refer to <Remote Controller mode switch> (page 88).

Functions When Displaying the Easy Control Panel

Displays a floating control panel in the screen.

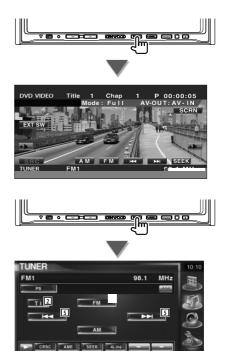


- 1 Switches the source.
- 2 Switches the band (to AM or FM1/2/3).
- 3 Tunes in a station.
- 4 Switches the Seek mode. See <Seek Mode> (page 32).
- 5 Displays the Screen Control screen. See <Screen Control> (page 57).
- Displays the external device control screen. See <External Device Power Supply Control> (page 54)

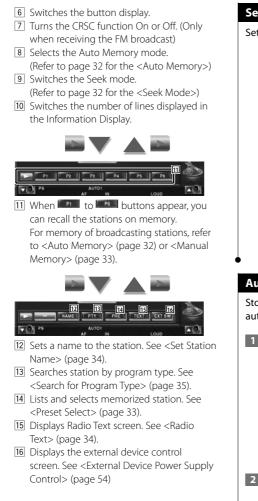
• The Easy Control Panel is hidden when you touch a central part of the monitor.

Functions While Displaying the Control Screen

Switches to control screen to use various functions.



Radio Listening



Seek Mode

Sets a station selection.

TUNER				10:10
FM1		98.1	MHz	羅
PS			1000	0
TI	FM I			33
Hee			1	0
	AM			2
				a s
P5 ()	AF IN		oup	

The mode is switched in following order each time you touch the button.

Display	Setting
"AUTO1"	Tunes in a station with good reception automatically.
"AUTO2"	Tunes in stations in memory one after another.
"MANU"	Switches to the next frequency manually.

Auto Memory

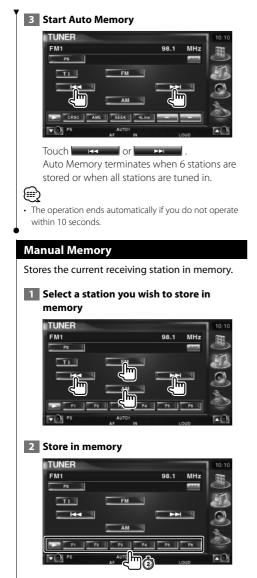
Stores stations with good reception in memory automatically.

1 Select a band you wish to store in memory



2 Select the Auto Memory mode





Continue to touch until the memory number appears.

Preset Select

Lists and selects memorized station.

1 Start Preset Select



2 Select a station



- 1 Scrolls the list.
- 2 Memorized stations are displayed. Touch to tune in.
- 3 Switches the list display name to Station name or Program Service Name.
- 4 Returns to the original screen.

Radio Text

You can display the radio text. (Only when receiving the FM broadcast).

1 Select a station

2 Display the radio text





 Selects the Program Service Name, Title & Artist name, Station Name, Radio Text Plus, or Radio Text for text display.
 When a ppeared, the text display is

- scrolled by pressing it.
- 2 Scrolls the text display.
- 3 Returns to the original screen.

Set Station Name

Assigns a name to a station.

1 Tune in to the station to name

2 Start Name set



3 Enter the name

See <Character Entry> (page 56) for information on how to enter a name.

4 End Name set



Direct Search

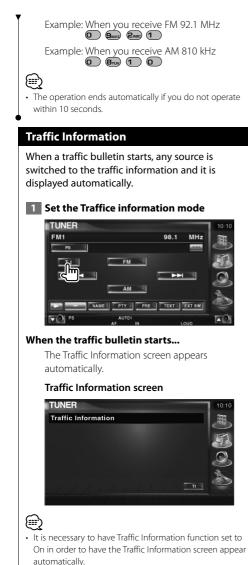
Tunes in a station when its frequency is entered.

1 Select a band









 During reception of traffic information the adjusted volume is automatically remembered, and the next time it switches to traffic information it's automatically the remembered volume.

Search for Program Type

A program is tuned when you set its program type. (Only when receiving the FM broadcast)

1 Enter Program Type mode

TUNER	10:1
FM1	98.1 MHz 🔐
PS	
TL FM	J 🥈
He	
AM	1 🔍
	RE TEXT TEXT SW
TO "	LOUD

2 Select a Program Type



- 1 Program Type is displayed. Touch to select a Program Type.
- 2 Scrolls the Program Type list.
- Searches for the program type.
 It is displayed when the Program type is selected.
- 4 Continue to touch more than 2 seconds, the currently receiving station is registered to have the selected program type.
- 5 Returns to the original screen.

3 Search a station of the selected Program Type

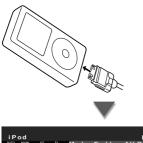


iPod Control

You can control and listen to songs in your iPod by connecting iPod with video or iPod nano to this unit with KCA-iP300V (optional accessory). You can also display video contents on this unit when connecting an iPod with video.

Connecting an iPod

Connect an iPod to this unit.





- 1 Forward music/video search area Selects the next music/video.
- 2 Backward music/video search area Selects the previous music/video.
- Information display button area
 The information is displayed for 5 seconds.



- Remove all accessories such as headphone before connecting an iPod. You may not be able to control the iPod if you connect it with accessories attached.
- When you connect an iPod to this unit, playback starts from the song you were playing on the iPod itself (Resume Function).
- If the played song is not a video content, "No iPod Video Signal" is displayed on the video screen.
- While connecting an iPod, "KENWOOD" appears on the iPod and the iPod's control is disabled.

Functions when Displaying the Easy Control Panel

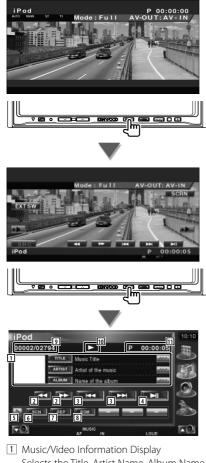
Displays a floating control panel in the screen.





Functions while Displaying the Control Screen

Switches to control screen to use various playback functions.



- Music/Video Information Display Selects the Title, Artist Name, Album Name or iPod Name.
 When m is appeared, the text display is scrolled by pressing it.
- 2 Fast Forwards or Fast Backwards.
- 3 Selects Music/Video.
- 4 Plays or pauses.
- 5 Switches the button display.
- 6 Starts or stops Scan Play (that plays the beginning of each music or video one after the other).

- 7 Repeats to play (the preset files or data).
- 8 Starts or stops Random play.*
- Iteration of music in the iPod and the music number display
- 10 Play Mode Display
- 11 Play Time Display



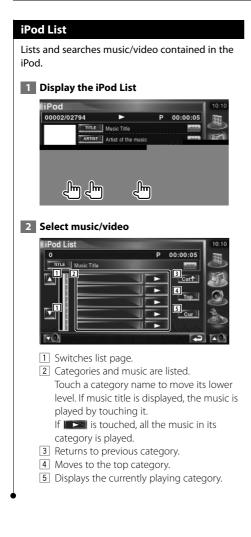
2 Starts or stops Album Random Play (plays randomly from current album).*



- 13 Displays the list of music category. See <iPod List> (page 38).
- Displays the list of video category. See <iPod List> (page 38).
- 15 Displays the previous music/video list screen. See <iPod List> (page 38).
- **16** Displays information screen of music/video being played.
- Displays the external device control screen. See <External Device Power Supply Control> (page 54).



Disabled when VIDEO is being played.



USB Device Control

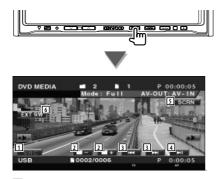
` *≡*

You can control and listen to songs in your USB device by simply connecting it to the USB connector of this unit.

• For the connection of a USB device, refer to <Basic Operations> (page 12).

Functions when Displaying the Easy Control Panel

Displays a floating control panel in the screen.

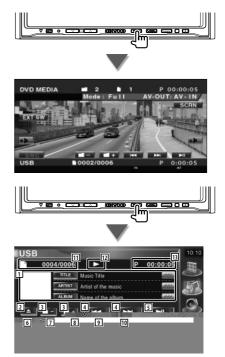


- 1 Switches the source.
- Selects a folder. (Only in Folder Select Mode)
- 3 Selects a file.
- 4 Plays or pauses.
- 5 Displays the Screen control screen. Refer to <Screen Control> (page 57).
- Displays the external device control screen. See <External Device Power Supply Control> (page 54).

• The Easy Control Panel is hidden when you touch a central part of the monitor.

Functions while displaying the Control Screen

Switches to control screen to use various playback functions.



- Music information display Selects the Folder Name, File Name, TItle, Artist Name, or Album Name.
 When == is appeared, the text display is scrolled by pressing it.
- Removes the USB device.
 When "No Device" is shown, the USB device can be removed safely.
 If you wish to play it again while the USB device is connected, press it again.
- 3 Selects a folder. (Only in Folder Select Mode)*



- 4 Selects a file.
- 5 Plays or pauses.
- 6 Switches the button display.
- [7] Starts or stops Scan Play (that plays the beginning of each music one after the other).
- 8 Repeats to play (the present music).
- Starts or stops Random Play (to play music in random order). (Only in Folder Select Mode)*
- Switches the number of lines displayed in the Information Display.
- 11 Track (Music) Number Display
- 12 Play Mode Display
- 13 Play Time Display



 Repeats to play the music or data of the present folder. (Only in Folder Select Mode)



Folder Select

Searches folders and Audio files stored in the USB device according to hierarchy.

1 Start Folder Select



2 Select music



- 1 Scrolls the list.
- 2 Lists folders and Audio files Folder opens when touched, and the Audio file is played.
- 3 Moves to the top hierarchy level.
- 4 Moves up a hierarchy level.
- 5 Displays the currently playing file.
- 6 Returns to the original screen.

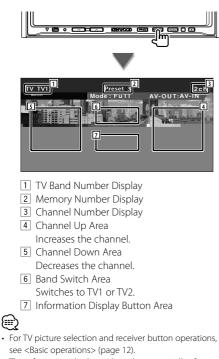
TV Watching

Various control screens appear in the TV Source mode. (You can only operate TV with the optional accessory TV Tuner connected.)

Functions During TV Screen

Basic functions are available even when the TV screen is displayed.

Display the TV screen



 The information display is cleared automatically after approximately 5 seconds. Also, the information can be displayed automatically when it is updated.

Functions When Displaying the Easy Control Panel

Displays a floating control panel in the screen.







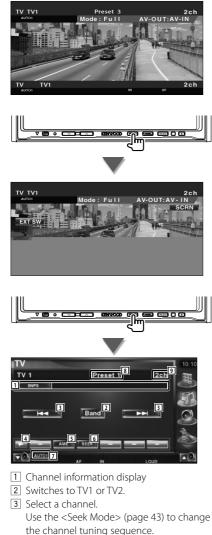
- 1 Switches the source.
- 2 Switches the TV band (to TV1 or TV2).
- 3 Selects a channel. Use the <Seek Mode> (page 43) to change the channel tuning sequence.
- Switches the Seek mode.(page 43 for the <Seek Mode>)
- Displays the Screen Control screen. (page 57 for the <Screen Control>)
- 6 Displays the external device control screen. See <External Device Power Supply Control> (page 54).



• The Easy Control Panel display is hidden when you touch a central area of the monitor.

Functions While Displaying the Control Screen

Switches to control screen to use various playback functions.



- 4 Switches the button display.
- 5 Selects the Auto Memory mode.
- Refer to <Auto Memory> (page 44). 6 Switches the Seek mode.
- Refer to <Seek Mode> (page 43).

- 7 Indicates current Seek mode.
- 8 Memory Number Display
- 9 Channel Number Display



When to to buttons appear, you can recall channels on memory.
 For memory of broadcasting stations, see <Auto Memory> (page 44) or <Manual Memory> (page 44).



- 11 Sets a name to the tuned station. (page 45)
- 12 Lists and selects memorized station. See <Preset Select> (page 44).
- I3 Displays the external device control screen. See <External Device Power Supply Control> (page 54).

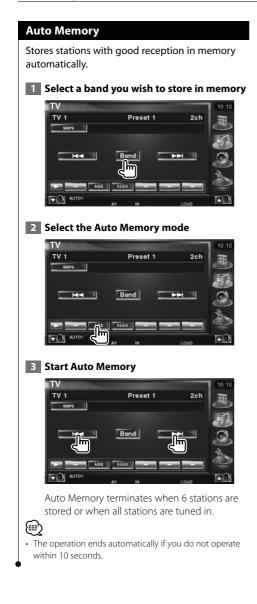
Seek Mode

Sets a station selection.



The mode is switched in following order each time you touch the button.

Display	Setting	
"AUT01"	Tunes in a station with good reception automatically.	
"AUTO2"	Tunes in stations in memory one after another.	
"MANU"	Switches to the next frequency manually.	



Manual Memory

Stores the current receiving channel in memory.

Select a station you wish to store in memory



2 Store in memory



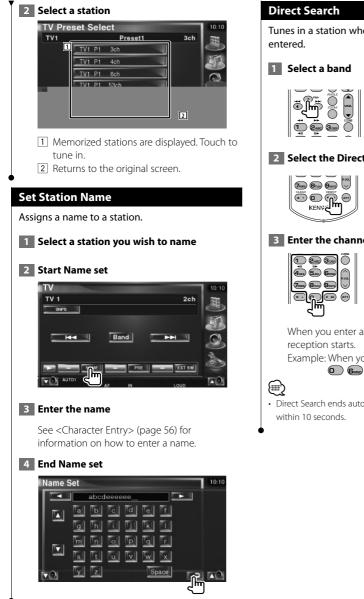
Continue to touch until the memory number appears.

Preset Select

Lists and selects memorized station.

1 Start Preset Select





Tunes in a station when its channel number is

1 Select a band







3 Enter the channel number



When you enter a channel number, signal reception starts.

Example: When you receive Channel 06

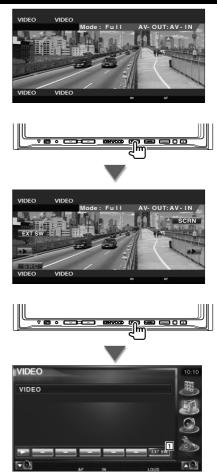
· Direct Search ends automatically if you do not operate

Video Watching

Functions When Displaying the Easy Control Panel

Displays a floating control panel in the screen. VIDEO VIDEO AV- OUT: AV- IN VIDEO VIDEO VIDEO VIDEO AV- OUT- AV- IN 3 SCRN VIDEO VIDEO 1 Switches the source. 2 Displays the external device control screen. See < External Device Power Supply Control> (page 54) 3 Displays the Screen Control screen. (page 57 for the <Screen Control>) · The Easy Control Panel display is hidden when you touch a central area of the monitor.

Functions While Displaying the Control Screen



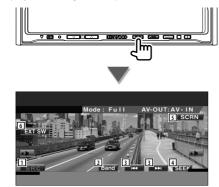
 Displays the external device control screen. See <External Device Power Supply Control> (page 54)

Satellite Radio Control (North American sales area only)

Various control screens appear in the Satellite radio source mode. (with the optional accessory Satellite radio connected only)

Functions When Displaying the Easy Control Panel

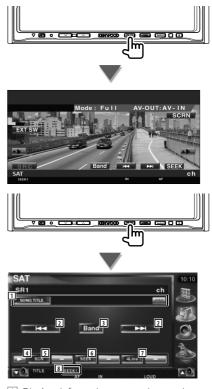
Displays a floating control panel in the screen.



- 1 Switches the source.
- 2 Switches the band.
- 3 Tunes in a station.
- Switches the Seek mode.
 SEEK 1: Tunes channels one after the other.
 SEEK 2: Selects channels in memory one after the other.
- Displays the external device control screen. Refer to <External Device Power Supply Control> (page 54).
- Displays the Screen Control screen.
 Refer to <Screen Control> (page 57).
- For system button operations, see <Basic operations> (page 12).
- The Easy Control Panel display is hidden when you touch a central area of the monitor.

Functions While Displaying the Control Screen

Switches to control screen to use various functions.



- Displays information concerning music being played. Changes the display from Song Title Name, Artist Name, Composer Name, Channel Name, to Category Name.
- 2 Tunes in a station.
- 3 Switches the band.
- 4 Switches the button display.
- 5 Starts or stops Channel Scan (that tunes channels one after the other).

6 Switches the Seek mode. SEEK 1: Tunes channels one after the other. SEEK 2: Selects channels in memory one after the other. 7 Switches the number of lines displayed in the Information Display. 8 Indicates current Seek mode P1 P2 9 When 19 to 19 buttons appear, you can recall the channel on memory. For memory of channel stations, see <Channel Memory> (page 49). 10 You can tune in by entering the desired channel number. See <Direct Channel Search> (page 49) [11] You can tune in by specifying the desired category. See < Channel Search> (page 48) 12 Displays the program information screen. 13 Displays the external device control screen. See < External Device Power Supply Control> (page 54).

Channel Search

Specifying the desired category and selecting a channel.

1 Start Channel Search



See functions while displaying the <Screen Control> (page 57).

2 Select a category

SAT Category List		10:10	
SR1	SR1 c		333
SONGTIT	12 I	-	9
2	Cat. Pop		51
	Cat. Rock		a
- 2	Cat. Country		0
	Cat. Jazz&Standard		2 m
/ /	Cat. Classical		1000
TO	CALL IN THE	_	10

- Selects a category. Displays the channel screen.
- 2 Scrolls the category.
- 3 Returns to the original screen.

3 Select a channel



- 4 Selects a channel.
 - Tunes in the selected channel.
- 5 Scrolls the channel.
- 6 Returns to the original screen.

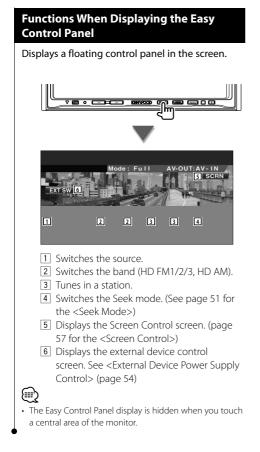
Channel Memory

Stores the current receiving channel in memory.

- Select a channel you wish to store in memory
 - 1 Select a channel you wish to store in mem

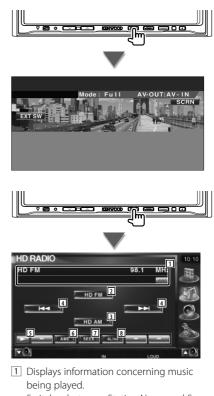
HD Radio Control

Various control screens appear in the HD Radio Source mode. (with the optional accessory HD Radio tuner connected only)



Functions While Displaying the Control Screen

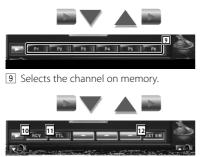
Switches to control screen to use various functions.



Switches between Station Name and Song Title display modes.

- 2 Switches to the HD FM1/2/3 band.
- 3 Switches to the HD AM band.
- Tunes in a station.
 Use the <Seek Mode> (page 51) to change the frequency switching.
- 5 Switches the button display.

- 6 Selects the Auto Memory mode. Refer to <Auto Memory> (page 52)
- Switches the Seek mode.Refer to <Seek Mode> (page 51)
- Switches the number of lines displayed in the Information Display.



- 10 The Receive mode switches in the following order.
 - Auto: Automatically switches between the Digital and Analog Receive modes depending on the broadcasting type. If programs are broadcasted in both modes, the digital program is received. Also, if a program is received in the Ball Game mode (the non-displayed broadcast program), the analog program is automatically received.

Digital: Receives the digital program only. Analog: Receives the analog program only.

- $\fbox{11}$ Displays the tuned in music information.
- 12 Displays the external device control screen. Refer to <External Device Power Supply Control> (page 54).

[SCRL] button is not displayed when there is no text information.

{\!!!}

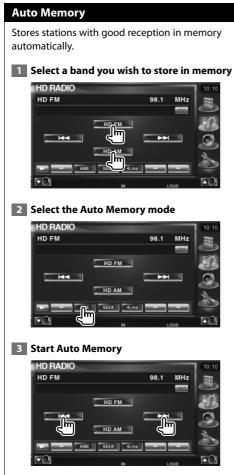
Seek Mode

Sets a station selection mode.



The mode is switched in following order each time you touch the button.

Display	Setting
"AUTO1"	Tunes in a station with good reception automatically.
"AUTO2"	Tunes in stations in memory one after another.
"MANU"	Switches to the next frequency manually.



Auto Memory terminates when 6 stations are stored or when all stations are tuned in.

Manual Memory

Stores the current receiving station in memory.

Select a station you wish to store in memory



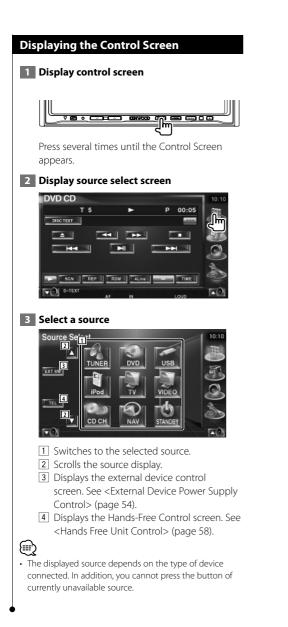
2 Store in memory



Continue to touch until the memory number appears.

The source you wish to listen to can be selected quickly.

Source Select



rnal Device Power Supply Control

ng the external device power supply.

nal Device Power Supply Control

splay the EXT SW Control screen



Muting Audio Volume upon Reception of Phone call

Muting Audio Volume upon Reception of Phone Call

When the telephone is called, the system is paused automatically.

When the telephone is called...

The Phone Call ("CALL") screen appears, and system is paused.

Phone Call ("CALL") screen



When the call ends...

Hang up the phone.

The system resumes playing automatically.



 To use the TEL Mute feature, you need to hook up the MUTE wire to your telephone using a commercial telephone accessory. Refer to <INSTALLATION MANUAL>.

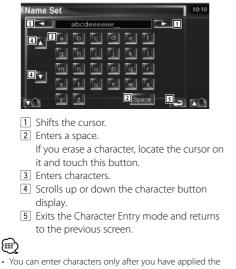
Character Entry

How To Use the Character Entry Screen

When you select the Set Disc Name mode or others, the following screen appears for character entry.

125522

Character Entry screen



parking brake.

Screen Control

Screen Control

Setting the monitor screen.

1 Display Easy control panel



2 Display the Screen Control screen

DVD VIDEO THE 1 Chap 1 P 00:00:05 Mode:Full AV-OUT:AV-IN EXT SW

3 Adjust the picture quality

		(
1	1	
2	2	
3	3	
3 4 5	4	
5	5	7

- 1 Brightness Control
- [2] Tint Control Displayed for an NTSC system image on TV, Video, iPod or Rear View Camera.
- 3 Color Control Displayed on the TV, Video, iPod or Rear View Camera screen only.
- 4 Contrast Control
- 5 Black Level Adjustment
- 6 Dimmer Mode Setup
 - "SYNC": Turning the Dimmer function On or Off when the vehicle light control switch is turned On or Off.
 - "On": The display dims.
 - "Off": The display doesn't dim.
- 7 Returns to the previous screen.

- The Screen Control screen is displayed only when you have applied the parking brake.
- The picture quality can be set for each source.
- You can set image quality of screens such as menu from <Monitor Setup> (page 78) of the <Setup Menu>.

Hands Free Unit Control

You need to register your cell-phone to your Bluetooth Hands Free Box beforehand. Make sure to read the instruction manual
of the Bluetooth Hands Free Box as well.

Control Screen Function Displaying the control screen and using various functions. 1 Display the control screen Press several times until the Control Screen appears. 2 Display the source select screen DVD VIDEO Title 12 Chapter 00:00:05 OLUME LABEL **A** 1 ----44 ł TEL 1 REF 1 Displays the status of connection with the cell-phone. White: The cell-phone is connected. Orange: The cell-phone is not connected, or it is outside the service range. 3 Display the Hands-Free Control screen Source Select շիհ



- 2 Displays the Search for Phone Book screen. Refer to <Calling by Phone Book> (page 60).
- 3 Displays the Out Going Calls screen. Refer to <Redialing> (page 62).
- Displays the Incoming Calls screen. Refer to <Redialing> (page 62).
- 5 Switches between the private and handsfree modes (only when a call in progress).
- 6 Displays the Hands-Free Set Up screen. Refer to <Setting Up the Hands-Free Phone> (page 63).
- 7 Enters three phone numbers for quick dialing.
 - Refer to <Quick Dialing> (page 60).
- B Enters a phone number.

 Refer to <When Dialing> (page 59).
- Displays the signal strength.*
 The more the number of bar segments, the stronger the signal.
- Displays the present Auto Answering status
 When Auto Answering is on: Auto
 When Auto Answering is off:
- Displays the battery drain of the cellphone.*
 The more the number of bar segments, the
 - higher the battery level.
- 12 Starts the call.
- Ends the call.Clears the phone number being entered.
- 14 Clears the entered phone number.
- 15 Returns to the previous screen.

16 Displays the calling and called phone numbers.

If you have registered a phone number in the Phone Book, the destination person name is displayed.

(;;;;)

- · While your car is moving, some functions are disabled for safety's sake. The buttons associated with the disabled functions become ineffective if pressed.
- When the Hands-Free Control screen appears, the name of the connected cell-phone is displayed for 5 seconds.
- * Since the number of steps of the control unit is different from that of the cell-phone, the statuses displayed on the control unit may discord from those displayed on the cell-phone. No status is displayed if information about it cannot be obtained
- · Setting the cell-phone in the private mode can disable the hands-free function.

When Called

When you receive a call, you can use the handsfree phone.



When a call arrives, the Hands-Free Control screen appears automatically.

2 End the call



The previous screen reappears.

When Dialing

Make a call by entering a phone number.

1 Enter a phone number







You can start talking when the destination responds.



To clear your incorrect entry, touch Clear L.

3 End the call



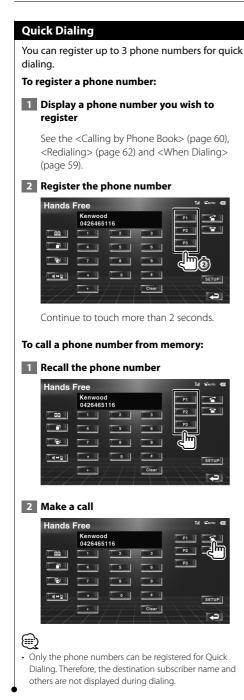
The previous screen reappears.



You can input max 32 digits.







Calling by Phone Book

You can call a person using his/her phone number that you have registered in the Phone Book.

1 Display the Phone Book screen

Till SAUTO Hands Free Kenwood 0426465116 P1 P2 P3 8 9 4+1 0 . SETUP Clear 4

The Initial Input screen appears.

Initial Input screen



- 1 Scrolls the character array display.
- 2 Displays the Phone Book beginning with the name whose first character you have touched.
- 3 Returns to the Hands-Free Control screen.

2 Select the initial character of a person name in memory



The Phone Book List screen appears.



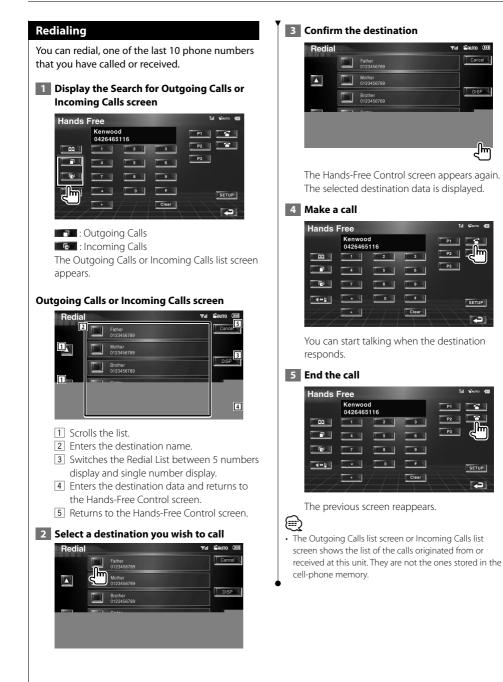
6 End the call

 \blacksquare



The previous screen reappears.

- To use the Phone Book, it must have been downloaded from the cell-phone. For more details, see the instruction manual of your Bluetooth Hands Free Box and your cellphone.
- Up to 16 characters can be displayed for each name in the Phone Book.
- Initials including no corresponding name will not be displayed.
- During search, a non-accent character such as "u" is searched for instead of an accent character such as "ü".



SAUTO III

Cancel

DISP

سالے

P3 🕔

P1

P3

SETUP

-

6

SETUP

-

Setting Up the Hands-Free Phone

The Hands-Free system can be set as follows.



Hands-Free Set Up screen



 Sets an automatic response time after call termination. (18")

"Off": This function can not use.

- "0-99": Sets to calling ring time (second).
- 2 Sets a ringing tone output position.
 - (🖊 "Front R")
 - "Front L": Outputs the tone from the front left-hand side speaker.
 - "Front R": Outputs the tone from the front right-hand side speaker.
 - "Front All": Outputs the tone from the both front speakers.
- 3 Sets the beep of the incoming call. ("On")
 - "On": Beep is heard.
 - "Off": Beep is canceled.
- 4 Displays the Phone Select screen.
- 5 Displays the Phone Delete screen.
- 6 Returns to the Hands-Free Control screen.
- \blacksquare
- Either the time interval for automatic answer set on this unit or the time interval set on the cell-phone, whichever is shorter, takes effect.
- Select the speaker which is further from the microphone in order to prevent howling or echoes.

Selecting a Hands-Free Phone

You can choose the Hands-Free phone from the list.

1 Display the Hands-Free Set Up screen



2 Display the Phone Select list



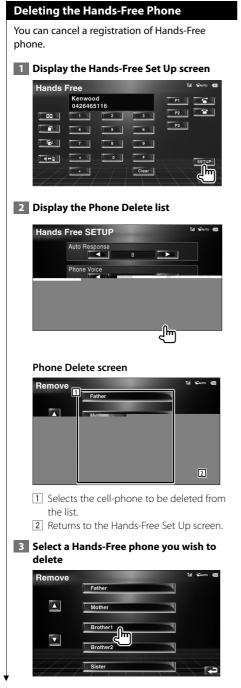
Phone Select screen



- 1 Selects the cell-phone to be used as a hands-free phone.
- 2 Returns to the Hands-Free Set Up screen.

3 Select a Hands-Free phone you wish to use





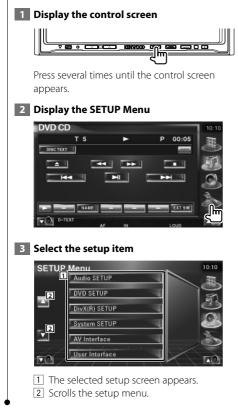
6	₽
	کب The

 The Phone Book, outgoing call list, and incoming call list are deleted together with the deleted Hands-Free phone. You can set up various receiver parameters.

Setup Menu

Setup Menu

Displays the Setup menu to set various functions.



Audio Setup

You can setup a speaker network, etc.

1 Display the Audio SETUP screen

Touch [Audio SETUP] in the SETUP Menu (page 66).

E

• [Audio SETUP] cannot be selected when no source is selected.

2 Setup each item



- 1 Selects the speaker to set the crossover. See <Crossover Network Setup> (page 67).
- 2 Sets the availability of subwoofers.
- 3 Selects the type of front speakers.
 - "Standard": Setup for general diameter speakers "Narrow": Setup for small diameter speakers "Middle": Setup for middle diameter speakers
 - "Wide": Setup for large diameter speakers
- Switches to the crossover setup screen.
 See <Crossover Network Setup> (page 67).
- 5 Returns to the original screen.

Crossover Network Setup

You can set a crossover frequency of speakers. 1 Select the speaker to set the crossover Audio SETUP 11.86 2 5 -1 Sets the High Pass Filter of the front speaker. 2 Sets the High Pass Filter of the rear speaker. 3 Sets the Low Pass Filter of the sub woofer. 4 Switches to the crossover setup screen. 5 Returns to the original screen. 2 Display the Crossover setup screen 3 Set the crossover X'Over 6 PF SUB FREQ Normal 8 6 Sets the cross over frequency. 7 Sets the sub woofer phase. (Only when "Subwoofer" is set to "On" in Audio Setup

- and "LPF SUB FREQ" is set to other than "Through")
- 8 Returns to the original screen.

DVD Setup

You can set up the DVD play.

1 Display the DVD SETUP screen

Touch [DVD SETUP] in the SETUP Menu (page 66).

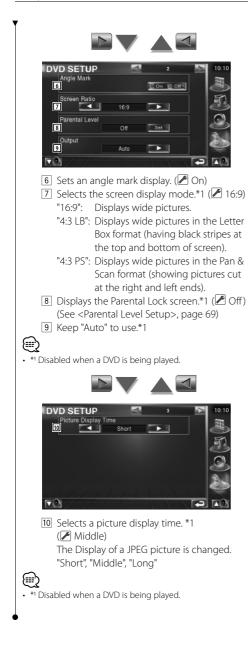
2 Setup each item



- 1 Selects a disc menu language.*1 (See <Language Setup>, page 68)
- Selects a subtitle language.*1
 (See <Language Setup>, page 68)
- Selects an audio language.*1
 (See <Language Setup>, page 68)
- 4 Sets the dynamic range.*1 (Wide) The dynamic range is reduced by changing from "Wide" to "Normal" and from "Normal" to "Dialog". "Dialog" makes the total sound volume becomes larger as compared with "Wide" and "Normal", allowing you to listen to the movie's dialog more clearly. This is effective only when you are using a Dolby Digital software.
- 5 Returns to the original screen.



• *1 Disabled when a DVD is being played.



Language Setup

Selects a language you use for the speech and menus.

1 Select the language item to set

Refer to <DVD Setup> (page 67) and select [Menu Language], [Subtitle Language] or [Audio Language].



2 Display the Language SETUP screen



- 1 Enters a language code.
- 2 Cancels the language setup and returns to the DVD SETUP 1 screen.
- 3 Sets the original audio language. (It appears during Audio Language setup.)
- (it appears doining radio canguage setup.)
 Sets the language and returns to the DVD SETUP 1 screen.
 (It appears after you have entered a language code.)
- 5 Clears the language code.

3 Enter a language code

See <DVD Language Codes> (page 97) and select the desired language.



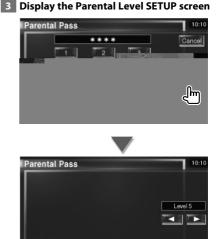
- the DVD SETUP 2 screen.
- 3 Indicates the present parental lock level.
- 4 Determines the code number and displays the Parental Level setup screen.
- 5 Clears the code number.

2 Enter the code number



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- The number you enter first is set as your code number.
- You can clear the code number by pressing the Reset button.



4 Select a parental level and complete the setup



- 6 Selects a parental level.
- Complete the parental level setup and returns to DVD SETUP 2 screen.

Next page ►

Setup menu



- If a disc has higher parental lock level, you need to enter the code number.
- The parental lock level varies depending on a loaded disc.
- If a disc has no parental lock, anybody can play it back even when you have set the parental lock.

DivX Setup

Checks the registration code. This code is needed when making a disc which has DRM (Digital Rights Management).



Touch [DivX SETUP] in the SETUP Menu (page 66).



1 Displays the registration code.

2 Returns to the original screen.



 When downloading a DivX VOD file controlled by DRM, register the code appeared on the screen such as the one above. Otherwise the file may not be able to play with this unit. Remaining number of viewing is displayed when playing a DivX VOD file with the viewing restriction. When the remaining number of viewing reached 0, a warning message appears and the file cannot be played.

Software Information

Checks the software version of this unit.

1 Display the Software Information screen

Touch [Software Information] in the SETUP Menu (page 66).



- 1 Displays the software version.
- 2 Returns to the original screen.

iPod Setup

{;;;;

Performs setup when using iPod.

1 Display the iPod SETUP screen

Touch [iPod SETUP] in the SETUP Menu (page 66).

2 Setup each item



- 1 Sets the Audio book playback speed.
- 2 Sets Wide Screen on or off.
- 3 Returns to the original screen.

"Wide Screen" cannot be set while the iPod is connected.

System Setup

You can set up the system parameters.



Touch [System SETUP] in the SETUP Menu (page 66).

2 Setup each item



- 1 Turns the key touch tone On or Off. (POn)
- 2 Allows scrolling of text display on the Source Control screen. (Auto) "Auto"· Scrolls the screen automatically. "Manual": Allows you to scroll the screen manually.
- 3 Selects a remote control signal. (When turned "Off", the remote control of TV reception is rejected.
- 4 Sets a music CD playback. (🖉 1)
 - "1": Automatically recognizes and plays back an Audio file disc, a DVD or a music CD.
 - "2": Forcibly plays back a disc as a music CD. Select "2" if you wish to play a music CD having a special format or if you cannot play a disc in the "1" position.

5 Returns to the original screen.



 You cannot play an Audio file/VCD disc in the "2" position. Also, you may not play some music CDs in the "2" position.

· Your setup is disabled when the disc is being played.



AV Interface Setup

You can set audio and visual (AV) interface parameters.

1 Display the AV Interface screen

Touch [AV Interface] in the SETUP Menu (page 66).

2 Setup each item



- Sets a name to be displayed when you select a system that is connected via the AV INPUT port. (VIDEO)
- Sets an image display of the system that is connected via the AV INPUT port. (Off)
 - "Off": When the image source is switched, an image entered via the AV INPUT port is displayed.
 - "On": When an image signal is entered via the AV INPUT port, this image is displayed.
- 3 Returns to the original screen.



- ④ Selects an AV source to be output at the AV OUTPUT port. (AV-IN)
- Sets a method to switch to the rear view camera video display. (P Off)
 "On": Switches to the rear view camera
 - video display when engaging the shift knob of car to "Reverse".
 - "Off": Switches to the the rear view camera video display when engaging the shift knob of car to "Reverse" and then pressing the [V.SEL] switch several times.
- Fou can flip the left and right of the rear view camera video display. Set to "Reverse" and the the rear view will be displayed left and right in mirror image on the screen.
 (C) Off)



- ⑦ Selects speakers used for voice guidance of the navigation system. (F-Left)
 - "F-Left": Uses the front left side speaker for voice guidance.
 - "F-Right": Uses the front right side speaker for voice guidance.
 - "Front All": Uses both front speakers for voice guidance.
- Adjusts the volume for voice guidance of the navigation system. (19)

- In Mutes the volume during voice guidance of the navigation system. (On) When turned "On", the volume level drops for voice guidance.
- 10 Sets a selecting method of audio source from the Navigation system.(✔ Off)
 - "On": Allows you to select the audio source input from the Navigation system interface selecting it on Source Select screen.
 - "Off": The audio source cannot be selected on Source Select screen.

User Interface

You can set up user interface parameters.

1 Display the User Interface screen

Touch [User Interface] in the SETUP Menu (page 66).

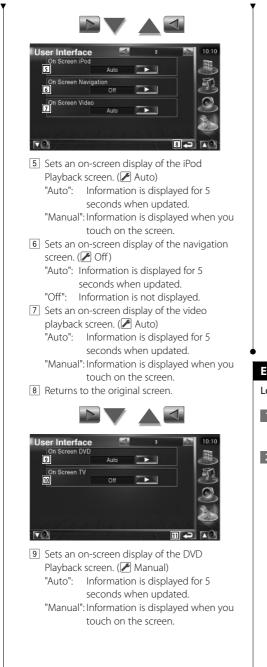
2 Setup each item

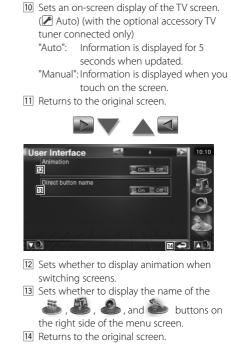


- Selects the background to display.
 "Change": Displays images entered into
 this unit. Refer to <Background
 Select> (page 76)
- 2 Enables entering or deleting of background images into of from this unit.

Press de la conter the USB suspend mode, and then remove the USB device.

- "Memory": Enables entering of background images. Refer to <Entering Background> (page 74).
- "Delete": Enables deleting of background image entered into this unit. Refer to <Background Delete> (page 75).
- 3 Sets whether to display the target when touching the panel.
- 4 Returns to the original screen.





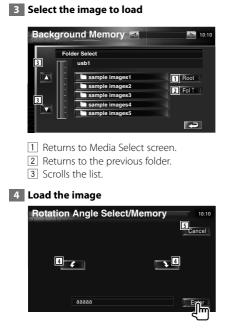
Entering Background

Loads images for background.

1 Connect the device which has the image to load

2 Display the User Interface screen





- 4 Rotates the image.
- 5 Returns to the Picture Select screen.

- Refer to <About Picture files> (page 11) for readable image specifications.
- Up to 3 images can be loaded.
- This operation is not possible when USB is selected as the source.

Background Delete

Deletes the background image.

1 Display Delete Image Select screen





1 Returns to the original screen.

3 Delete the image







Background Select

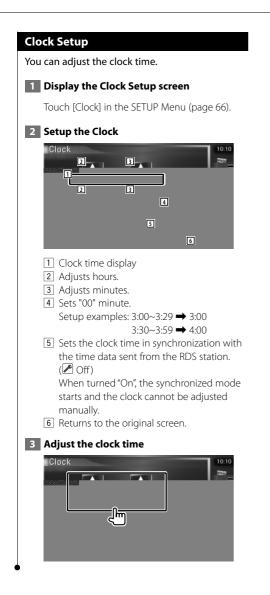
Selects a image for background.

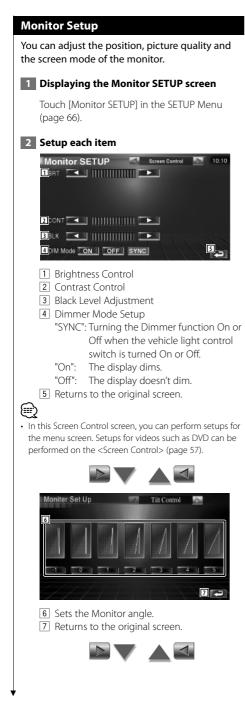




2 Select a image for background









8 Selects a screen mode of the iPod Video playback screen.

You can select any of the following screen mode.

"FULL", "JUST", "ZOOM", "NORMAL"

 Selects a screen mode of the DVD playback screen.

You can select any of the following screen mode.

"FULL", "JUST", "ZOOM", "NORMAL"

 Selects a screen mode of the VIDEO playback screen.
 You can select any of the following screen

mode.

"FULL", "JUST", "ZOOM", "NORMAL"

11 Returns to the original screen.



 Selects a screen mode of the rear view camera (R-CAM) screen.
 You can select any of the following screen mode.

"FULL", "JUST", "ZOOM", "NORMAL"

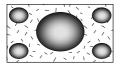
Selects a screen mode of the TV screen.
 You can select any of the following screen mode.

"FULL", "JUST", "ZOOM", "NORMAL"

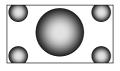
14 Returns to the original screen.

- When you select the Menu, Easy Control screen, or Navigation, the display is shown in the full-size display mode automatically. The screen mode of these displays cannot be changed.
- The picture quajlity can be set for each source.

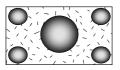
Full picture mode (FULL)



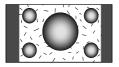
Zoom picture mode (ZOOM)



Justify picture mode (JUST)



Normal picture mode (NORMAL)



Security Code Setup

You can set a security code to protect your receiver system against theft.



When the Security Code function is activated, the code cannot be changed and the function cannot be released. Note the Security Code can be set as the 4 digit number of your choice.

1 Display the Security Code Setup screen

Touch [Security] in the SETUP Menu (page 66).



- 1 Displays the Security code input screen.
- Turns the SI function on or off.
 If turned "On", the burglar alarm lamp flashes when the vehicle ignition is off.
 (I On)
- 3 Returns to the original screen.

2 Start Security Code setup



{⊞

• If you have already completed the code registration, is displayed.



If you have pressed the Reset button or if you have disconnected the Receiver from battery...

1 Enter the correct security code



You must enter the same security code as that you have entered in Step 3.

2 Enter the security code

Code	Set			10:10

	1	2	3	Cancel
	4	5	6	
	7	8	9	Enter
		0		۳.
D			Clear	(1

Now, you can use your Receiver.



Now, your security code is cleared.

SAT ESN Watch Setup

You can display the SAT ID. (with the optional accessory Satellite Radio connected only)

1 Display ESN Watch SETUP screen

Touch [SAT ESN Watch] in the SETUP Menu (page 66).

2 Verify ESN



- 1 Displays the Electronic Serial Number.
- 2 Returns to the original screen.

Setup Memory

Audio Set Up and AV Interface settings can be memorized. The memorized settings can be recalled at any time. For example, even when the settings are cleared due to replacement of the battery, the settings can be restored.

1 Display the SETUP Memory screen

Touch [SETUP Memory] in the SETUP Menu (page 66).



 Locks the Audio Set Up and AV Interface settings. When Lock is selected, you cannot set the Audio SETUP and AV Interface settings.

2 Memorizes or recalls the settings. To cancel the function, touch <u>No</u>. To cancel memorization, touch <u>No</u>.

The Setup Menu screen appears again.

3 Returns to the original screen.

2 Start Set Up Memory



4 Recalls the memorized settings.

- Memorizes the current Audio Set Up and AV Interface settings.
- 6 Clears the currently memorized settings.
- 7 Returns to Set Up Memory screen.

3 Memorize or recall the settings

When memorizing the Audio Set Up and AV Interface settings:



If settings have already been memorized, a confirmation message appears. Touch Yess. To cancel memorization, touch Nos.

When recalling the memorized settings:

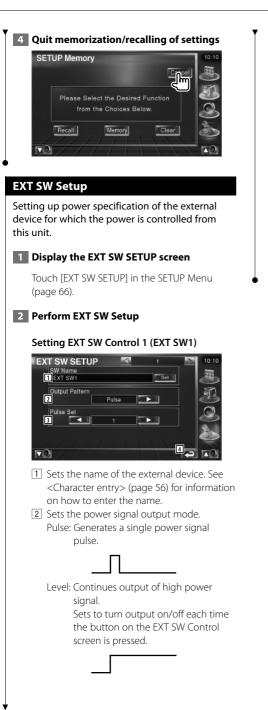


Touching the screen displays a confirmation message. Touch **Yess**. To cancel recalling, touch **No**.

When clearing the currently memorized settings:



Touching the screen displays a confirmation message. Touch **ress**. To cancel clearing, touch **ress**.



 Sets the Pulse signal output time.
 Outputs 500ms when "1" is set. Increases by 200ms with each step. Up to 100 steps can be set.



Setting EXT SW Control 2 (EXT SW2)



The setup method is the same as "EXT SW1".

Audio Control

Audio Control Menu

Displays the Audio Control menu to set the sound effect function of this unit.



Audio Control

You can adjust the front/rear and right/left audio balance.

1 Display Audio Control



Touch [Audio Control] in the Audio Control Menu (page 84).

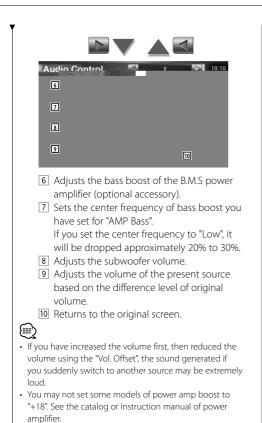
2 Display the Audio Control screen



- 1 Adjusts the right and left volume balance.
- 2 Adjusts the front and rear volume balance.
- 3 Turns the Loudness control function On or Off.

If turned "On", high and low tones are automatically enhanced during low volume.

- 4 Displays the present source information. THe stream (Dolby Digital, dts, Linear PCM, MPEG, MP3, WMA or AAC) is displayed.
- 5 Returns to the original screen.



Equalizer Control

You can set up the equalizer.

1 Display Equalizer Control



Touch [Equalizer] in the Audio Control Menu (page 84).

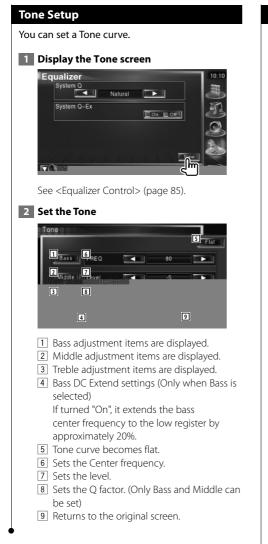
2 Display the Equalizer screen



- Selects an equalizer curve type. You can select any of the following equalizer curves.
 - "Natural"
 - "Rock"
 - "Pops"
 - "Easy"
 - "Top40"
 - "Jazz"
- 2 Selects items to be adjusted for tone curve setup.

If turned "Off", only Level can be setup for tone curves.

- 3 Displays the Tone curve setup screen. (page 86)
- 4 Returns to the original screen.



Zone Control

You can set the front and rear audio source.

1 Display Zone Control



Touch [Zone Control] in the Audio Control Menu (page 84).



2 Set the Zone Control



- 1 Turns the Zone Function (that sets different source sounds for front and rear speakers) On or Off.
- 2 Sets the front and rear audio source separately.

(This button appears when the Zone function is On.)

• When the rear speaker sound is switched, the audio source that is output at the AV OUTPUT terminal is also switched to the same source.

However, if you have set the "Area" to "Reverse", the audio source that is output at the AV OUTPUT terminal is switched depending on the front sound source.

- Switches the front and rear audio sources. (This button appears when the Zone function is On.) Use "Reverse" to change over the front and rear audio sources.
- Adjusts the volume of the rear channel. (This button appears when the Zone function is On.)
- 5 Returns to the original screen.
- There are following limitations when zone function is set to "On".
 - There is no output from the subwoofer.
 - <Audio Setup> (page 66) and <Equalizer Control>
 - (page 85) are not available.

Remote Controller

This unit can be operated using the Remote Controller supplied with the unit.

- Put the Remote Controller in a place where it will not move during braking or other operations. A dangerous situation could
 result, if the Remote Controller falls down and gets wedged under the pedals while driving.
- Do not place the battery near an open flame or heat source. This may cause the battery to explode.
- Do not recharge, short, break up or heat the battery or place it in an open fire. Such actions may cause the battery to leak fluid. If spilled fluid comes in contact with your eyes or on clothing, immediately rinse with water and consult a physician.
- Place the battery out of reach of children. In the unlikely event that a child swallows the battery, immediately consult a physician.

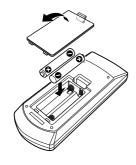
Battery installation

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Use two "AAA"/"R03"-size batteries.

Slide the cover while pressing downwards to remove it as illustrated.

Insert the batteries with the + and – poles aligned properly, following the illustration inside the case.

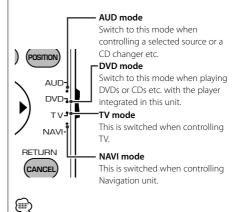


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 If the Remote Controller operates only over shorter distances or does not operate at all, it is possible that the batteries are depleted. In such instances, replace the both batteries with new ones.

Remote Controller mode switch

The functions operated from the remote controller differ depending on the position of the mode switch.



• The position of the remote control mode switch is indicated in the title of each mode, e.g., "(AUD mode)".

• When controlling a player that is not integrated in the unit, select "AUD" mode.

Common operations (AUD mode)

Source switching

Switches to the source to be played.



Volume control

Adjusts the volume.



Volume attenuator

Press the key once to lower the volume. Press again to restore the previous volume.



Dual Zone

Switches the Dual Zone function ON and OFF.



Rear volume control

Adjusts volume at rear when the Dual Zone function is ON.

	Õ
4aa 5aa 6aa 7ax 8ax 9aa	
	50ml

V.SEL

Switch video

Switches the video each time it is pressed.



Display angle

Switches the display angle each time it is pressed.



Cursor key

Moves the cursor when displaying menu.



ENTER

Enters options.



Hands-free communication

Enters the dialing method selection mode.

When a call comes in, it answers the call.



Function

Switches the function screen



MODE

Switches the screen mode. Screen mode changes each time you press this key.



DVD/VCD/CD/Audio files (DVD mode)

Folder search

Selects the folder to be played.



Track search and file search

Selects the track or file to be played.



Play/Pause

Pauses the track. Press again to resume playing.



Stop

Memorizes the last point where the disc stopped. When pressed again, the last point is deleted.



Direct search



Pressing this button switches the features that can be searched directly.

DVD

* You may not be able to use this function with some discs or scenes.

CD

Track number Play time Cancel

Audio files

Folder number File number Cancel

VCD 1.X, VCD 2.X (PBC OFF)

Track number

Cancel

VCD 2.X (PBC ON)

Scene number Number Cancel

Once you have switched to the direct search feature, specify the search number from the numeric keypad, and then press 🝚 [ENTER] key.

Numeric keypad



- Specify the number to search in direct search.
- Press (1) (2000) to fast forward/backward. Switches the fast forward/backward speed each time you press this key.
- Press Gene (5...) to slow forward/backward. Switches the slow playback speed each time you press this key.

DVD Top Menu

Returns to the DVD top menu.



DVD Menu

Displays the DVD menu.

Turns the playback control on or off while playing VCD.



SUBTITLE

Switches the subtitle language.



ZOOM

Switches the zoom ratio each time you press this key.



Picture Angle

Switches the picture angle each time you press this key.



AUDIO

Switch Voice Language

Switches the voice language each time you press this key.



TV (TV mode)

Switching Band/Video

It switches between the station of the TV band to receive and video input.



Channel Selection

The TV channel to receive is selected.



Direct tuning (NTSC TV type only)



Press this key first, and then specify the station to receive with the numeric keypad.

Example: In case of Channel 6 (2-digit)



Numeric keypad



- The number of the memorized station is selected. (1 6mg)
- Press the direct tuning key first, then specify the channel of the station to receive.

Radio (AUD mode)

Band switching

Switches to bands received by the unit.



Station selection

Switches to broadcast stations received by the unit.



Direct tuning

After pressing this key, use the keypad to specify the broadcast station you wish to receive.



Example: 92.1MHz (FM)

Example: 810kHz (AM)

Numeric keypad



- To use preset tuning, press the number of a programmed broadcast station. (1 (m)
- Press the direct tuning key first, then specify the frequency of the station to receive.

NAVI (NAVI mode)

Joystick

Scrolls the map, or moves the cursor.



ENTER

Performs the selected function.



ZOOM

Zooms in or out the navigation map.



MENU

Displays Main menu.



CANCEL

Displays previous screen.



POSITION Displays the current position.



ROUTEM

Displays Route Option menu.



VIEW

Switches between 2D and 3D map displays.



VOICE

Plays Voice guidance.



MAP DIR

Switches between the heading up navigation and north up navigation map displays.



Hands-free communication

Enters the dialing method selection mode. When a call comes in, it answers the call.



Help? Troubleshooting

Some functions of this unit may be disabled by some settings made on this unit.

• Cannot set up the subwoofer.

- Cannot set up subwoofer phase.
- No output from the subwoofer.
- Cannot set up the low pass filter.
- Cannot set up the high pass filter.
- Subwoofer is not set to On.
 <Audio Setup> (page 66)
- ► The Dual zone function is enabled.
 Image Representation of the second seco

Cannot set up the subwoofer phase.

- Subwoofer is not set to On.
 Audio Setup
 (page 66)
- Low pass filter is set to Through.
 «
 «

 Crossover Network Setup> (page 67)

Cannot select the output destination of the

- subsource in the Dual zone. • Cannot adjust the volume of the rear
 - speakers.
 ▶ The Dual zone function is disabled.
 - The Dual zone function is disabled. I
 Control> (page 86)

Cannot play audio files.

 "CD Read" of <System Setup> (page 71) is set to "2".

Cannot Folder select.

- The Scan play or Random play function is enabled.
- I Cannot perform Repeat play.
 - ► The PBC function is enabled.
 - Find the function is chabled.

• The Traffic Information setting is ineffective.

- The Synchronize Clock setting is ineffective.
- Cannot select the tuner as a Dual zone source.
- HD Radio is in use.
- -----

• Cannot set up the equalizer.

- Cannot set up the crossover network.
- ► The Dual zone function is enabled. I <</p>
 I < Zone Control> (page 86)

What might seem to be a malfunction in your unit may just be the result of slight misoperation or miswiring. Before calling service, first check the following table for possible problems.

General

The Touch Sensor Tone doesn't sound.

- ✓ The preout jack is being used.
- The Touch Sensor Tone can't be output from the preout jack.

Tuner source

Radio reception is poor.

- ✓ The car antenna is not extended.
- Pull the antenna out all the way.
- ✔ The antenna control wire is not connected.
- Connect the wire correctly, referring to the section on <INSTALLATION MANUAL>.

Disc source

- The specified disc does not play, but another one plays instead.
 - ✓ The specified CD is quite dirty.
 - 🖙 Clean the CD.
 - ✓ The disc is loaded in a different slot from that specified.
 - Eject the disc magazine and check the number for the specified disc.
 - ✓ The disc is severely scratched.
 - 🖙 Try another disc instead.

Audio file source

The sound skips when an Audio file is being played.

- ✓ The media is scratched or dirty.
- Clean the media, referring to the CD cleaning of the section on <Handling CDs> (page 8).
- ✓ The recording condition is bad.
- Record the media again or use another media.

HD Radio source

R No sound can be heard, or the volume is low.

- ✓ The preset broadcast station is not transmitting in the mode that was set with <HD Radio Control> (page 50).
- Please set the receive mode setting to "Auto".
- ✓ In digital AM broadcasting, receive mode switches between stereo and monaural too often.
- Receiving condition is bad or unstable. Stereo is chosen when receiving condition is good, and it switches to monaural when the condition becomes bad.
- ✔ HD Radio tuner is connected to KCA-S220A or other units.
- Connect the HD Radio tuner directly to this unit.

When the unit fails to operate correctly, the cause of the failure appears on the display.

Protect :

Help? Error

Protective circuit has been activated because a speaker cord has shorted or it has come in contact with the car chassis.

Wire or insulate the speaker cord as appropriate and then push the Reset button.

Hot Error :

When the internal temperature of this unit rises to 60°C or more, the protection circuit is activated and you may not be able to operate the unit. At such times this message will appear.

Use the unit again after reducing the temperature inside the vehicle.

Hold Error :

Activation of the protective circuit when the temperature inside the disc changer is higher than 60 degrees Celsius stops the disc changer from operating. At such times this message will appear.

Use when the temperature at the site where the disc changer has been fitted has dropped.

Mecha Error :

The disc player is malfunctioning.

 Eject the disc and try inserting it again. Contact the Kenwood dealer if this indicator continues blinking or the disc cannot be ejected.

Disc Error :

An unplayable disc is inserted.

Read Error :

- · Disc is quite dirty.
- Clean the disc, referring tot he section on <Handling CDs> (page 8).
- Disc is upside down.
- ➡ Load the disc with the labeled side up.

Region code Error :

The disc you wanted to play has a region code that cannot be played with this unit.

Parental level Error:

The disc you wanted to play has a higher level than the parental level you set.

Error 07-67:

The unit is not operating correctly due to some reason or other.

 Push the unit's Reset button. If the "Error 07–67" message does not disappear, see your nearest Kenwood dealer.

No Device (USB device)/Disconnected (iPod):

The USB device/iPod is selected as a source although no USB device/iPod is connected. .

 Change the source to any source other than USB/iPod. Connect an USB device/iPod, and change the source to USB/iPod again.

No Music:

The connected USB device contains no playable audio file.

Media was played that doesn't have data recorded that the unit can play.

USB Device Error!!:

The connected USB device is rated a current capacity higher than the allowable limit. .

➡ Check the USB device.

Some trouble may have occurred to the connected USB device.

→ Change the source to any source other than USB. Remove the USB device.

Authorization Error:

Connection to the iPod has failed.

➡ Remove the iPod and then reconnect it. The unit does not support the iPod.

The unit does not support the iPod.

 Refer to <About iPod that can be connected to this unit> (page 7).

Update your iPod:

The iPod's software is an older version which the unit can not support.

→ Confirm that the software for the iPod is the latest version. Refer to <About iPod that can be connected to this unit> (page 7).

EXT SW: Error:

Connection to the external device has failed.

- Remove the external device and then reconnect it.
- ➡ Turn off the power or ACC and turn it back on.

Code	Language	
	Afar	
ab	Abkhazian	
af	Afrikaans	
am	Amharic	
ar	Arabic	
as	Assamese	
ay	Aymara	
az	Azerbaijani	
ba	Bashkir	
be	Byelorussian	
bg	Bulgarian	
bh	Bihari	
bi	Bislama	
bn	Bengali, Bangla	
bo	Tibetan	
br	Breton	
ca	Catalan	
<u>co</u>	Corsican	
CS	Czech	
су	Welsh	
da	Danish	
de	German	
dz	Bhutani	
el	Greek	
en	English	
eo	Esperanto	
es	Spanish	
et	Estonian	
eu	Basque	
fa	Persian	
fi	Finnish	
fj	Fiji	
fo	Faroese	
fr	French	
fy	Frisian	
ga	Irish	

Specifications

Monitor section

Picture Size

: 6.95 inches (diagonal) wide : 156.2 mm (W) x 82.4 mm (H)

Display Sytem : Transparent TN LCD panel

Drive System : TFT active matrix system

Number of Pixels : 336,960 (480H x 234V x RGB)

Effective Pixels : 99.99 %

Pixel Arrangement : RGB striped arrangement

Back Lighting : Cold Cathode Fluorescent Tube

DVD player section

D/A Converter

: 24 bit

Decoder : Linear PCM/ Dolby Digital/ dts/ MP3/ WMA/ AAC Wow & Flutter

: Below Measurable Limit

Frequency Response Sampling frequency; 96 kHz : 20 – 44,000 Hz Sampling frequency; 48 kHz : 20 – 22,000 Hz Sampling frequency; 44.1 kHz : 20 – 20,000 Hz

Total Harmonic Distortion

: 0.010 % (1 kHz) S/N Ratio (dB) : 98 dB (DVD-Video 96 kHz)

Dynamic Range : 98 dB (DVD-Video 96 kHz)

Disc Format : DVD-Video/ VIDEO-CD/ CD-DA

Sampling Frequency : 44.1/ 48/ 96 kHz

Quantifying Bit Number : 16/ 20/ 24 bit

USB interface section

USB Standard : USB 1.1/ 2.0

File Sytem

illini.

: FAT 16/ 32

Maximum Power Supply Current : 500 mA

D/A Converter

: 24 Bit

Decoder

: MP3/ WMA/ AAC

ΕM

 FM tuner section

 Frequency Range (200 kHz)

 : 87.9 MHz – 107.9 MHz

 Usable Sensitivity (S/N : 30 dB)

 : 9.3 dBf (0.8 μV/ 75 Ω)

 Quieting Sensitivity (S/N : 50 dB)

 : 15.2 dBf (1.6 μV/ 75 Ω)

 Frequency Response (± 3.0 dB)

 : 30 Hz – 15 kHz

 Total Harmonic Distortion

 : 0.01 % (1 kHz)

 S/N Ratio (dB)

 : 75 dB (MONO)

 Selectivity (± 400 kHz)

: ≥ 80 dB

Stereo Separation

: 40 dB (1 kHz)

98 DNX7100

AM tuner section

Frequency Range (10 kHz) : 530 kHz – 1700 kHz Usable Sensitivity : 28 dBμ

Video section

Color System of External Video Input : NTSC External Video Input Level (RCA jacks) : 1 Vp-p/ 75 Ω External Audio Max Input Level (RCA jacks) : 2 V/ 25 k Ω

Video Output Level (RCA jacks) : $1 \text{ Vp-p}/75 \Omega$

Audio Output Level (RCA jacks) : 1.2 V/ 10 kΩ

Audio section

Maximum Power (Front & Rear) : 50 W x 4 Full Bandwidth Power (Front & Rear) (4 Ω , 14.4 V, 1 % THD) : 22 W x 4 Preout Level (V) : 2 V/ 10 k Ω Preout Impedance : 600 Ω Speaker Impedance : 4 - 8 Ω Tone action Bass : 100 Hz ± 8 dB Middle : 1 kHz ± 8 dB Treble : 10 kHz ± 8 dB

External SW

Maximum Power Supply Current : 500 mA

General

Operating voltage : 14.4 V (11 – 16 V allowable)

Current Consumption : 15 A DImensions (W × H × D) : 182 × 112 × 163 mm 7-3/16 × 4-7/16 × 6-7/16 inch

Operational Temperature Range : -10 °C - +60 °C

Storage Temperature Range : -20 °C - +85 °C

Weight : 2.85 kg (6.3 lbs)

Specifications subject to change without notice.

Although the effective pixels for the liquid crystal panel is given as 99.99% or more, 0.01% of pixels may not light or may light incorrectly.

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

In compliance with Federal Regulations, following are reproductions of labels on, or inside the product relating to laser product safety.

```
Kenwood Corporation
2967-3, ISHIKAWA-MACHI,
HACHIOJI-SHI
TOKYO, JAPAN
```

KENWOOD CORP. CERTIFIES THIS EQUIPMENT CONFORMS TO DHHS REGULATIONS N0.21 CFR 1040. 10, CHAPTER 1, SUBCHAPTER J.

Location : Bottom Panel

FCC WARNING

This equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.

NOTE

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment may cause harmful interference to radio communications, if it is not installed and used in accordance with the instructions. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

· Reorient or relocate the receiving antenna.

- · Increase the separation between the equipment and receiver.
- · Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

About DivX

DivX is a popular media technology created by DivX, Inc. DivX media Files contain highly compressed video with high visual quality that maintains a relatively small file size. DivX files can also include advanced media features like menus, subtitles, and alternate audio tracks. Many DivX media files are available for download online, and you can create your own using your personal content and easy-to-use tools from DivX.com.

About DivX Certified

DivX Certified products are officially tested by the creators of DivX and guaranteed to play all versions of DivX video, including DivX 6. Certified products qualify for one of several DivX Profiles that designate the type of video the product supports, from compact portable video to high-definition video.

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